

WE CLAIM:

1. A physiologically active complex, which comprises a proteinaceous part with TNF activity and a high molecular part bound artificially to the N-terminus of the proteinaceous part.

2. The complex of claim 1, wherein said proteinaceous part has the amino acid sequence of SEQ ID NO:2 where Xaa is a member selected from the group consisting of asparagine, alanine, arginine, serine, threonine, proline, methionine, and leucine.

3. The complex of claim 1, wherein said high molecular part has a molecular weight of 500-50,000 daltons.

4. The complex of claim 1, wherein said high molecular part is a member selected from the group consisting of homopolymers of polyethylene glycol, copolymers of polyethylene glycol, and derivatives thereof.

5. An agent for susceptible diseases, which comprises the complex of claim 1.

6. An agent for susceptible diseases, which comprises the complex of claim 2.

7. An agent for susceptible diseases, which comprises the complex of claim 3.

8. An agent for susceptible diseases, which comprises the complex of claim 4.

9. The agent of claim 5, which is an antitumor agent.

10. The agent of claim 6, which is an antitumor agent.

11. The agent of claim 7, which is an antitumor agent.

12. The agent of claim 8, which is an antitumor agent.